ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

3	15 ET T 1 E T T E T E T E					Mark Springer	20.0	
	Client ID:	M115751		Client:	Alask	an Copper V	Vorks	
A.	Date Received:	02/01/07		Project:	PO# N	M115751, F&	&BI 702	014
	Date Extracted:	02/06/07	Add Mark	Lab ID:	70201	4-01	LUMAN.	
	Date Analyzed:	02/06/07		Data File:	70201	4-01.035		
	Matrix:	Water		Instrument	: ICPM	S1		1,73
	Units:	ug/L (ppb)		Operator:	hr			
						T T		

발생하다 아버지께서는 가장하는데 사람들으로 있다고?	하는 그와 하하는 소개 얼마를 받는	Lower	Opper
Internal Standard:	% Recovery:	Limit:	Limit:
Germanium	106	60	125
Indium	107	60	125
Bismuth	102	60	125

근무개를 통해 있었습니다. 그리고 살아가는 그를 만들어 있는 다른 것으로 모양했다.	
[불교회 작가 이번째 일 일 수 있는]	Concentration
Analyte:	ug/L (ppb)
경우스타를 하다 등의 이 여전을 했다.	
Chromium	260
Nickel	157
Copper	85.2
Zinc	<50
당취하다 휴가 전 하고 마는 가는 가는 유리를 하고 있다니다.	[8] [8] S. A. C. M. S. L.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

	그녀가 그녀와 그리라는 사고하는 다	
Client ID:	Method Blank	Client: Alaskan Copper Works
Date Received:	Not Applicable	Project: PO# M115751, F&BI 702014
Date Extracted:	02/06/07	Lab ID: 17-42 mb
Date Analyzed:	02/06/07	Data File: 17-42 mb.022
Matrix:	Water	Instrument: ICPMS1
Units:	ug/L (ppb)	Operator: hr
	보이를 하기 않는데 아이들은 사이를 보는 것이다.	보다면서 어린 기업에 가득하면 가려면서 되면 하는데 기급했다. 기원

		Lowe	${ m Upper}$	
Internal Standard:	% Recov	very: Limit	: Limit:	
Germanium	104	4 60	125	
Indium	106	60	125	
Bismuth	106	60	125	

일본 전시 이 시스 프로그램 수 있는 사람이 있다. 그리아 없다	
	Concentration
Analyte:	ug/L (ppb)
Chromium	<1
Nickel	<1
Copper	<1
Zinc	<5

ENVIRONMENTAL CHEMISTS

Date of Report: 02/08/07 Date Received: 02/01/07

Project: Metro Self Monitor, PO# M115751, F&BI 702014

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS BY EPA METHOD 200.8

Laboratory Code: 702062-01 (Duplicate)

보다 김 사이를 하는 것				Relative	생기를 위한 때 도그램도 한 도로 받아?
		Sample	Duplicate	Percent	Acceptance
Analyte	Reporting Units	Result	Result	Difference	Criteria
Chromium	ug/L (ppb)	2.21	2.02	9	0-20
Nickel	ug/L (ppb)	4.48	4.01	. 11	0-20
Copper	ug/L (ppb)	2.99	2.78	7	0-20
Zinc	ug/L (ppb)	14.3	14.5	1	0-20

Laboratory Code: 702062-01 (Matrix Spike)

시간 아이들은 사람들이 되었다.			5 W.C. 2007	Percent		
		Spike	Sample	Recover	y Acceptance	
Analyte	Reporting Unit	ts Level	Result	MS	Criteria	3, 10
Chromium	ug/L (ppb)	20	2.21	98	50-150	
Nickel	ug/L (ppb)	20	4.48	92 b	50-150	
Copper	ug/L (ppb)	20	2.99	93	50-150	100
Zinc	ug/L (ppb)	50	14.3	95 b	50-150	

Laboratory Code: Laboratory Control Sample

			Percent	
	불리 [전 - 2시 학교에 보고 된	Spike	Recovery	Acceptance
Analyte	Reporting Units	Level	LCS	Criteria
Chromium	ug/L (ppb)	20	99	70-130
Nickel	ug/L (ppb)	20	97	70-130
Copper	ug/L (ppb)	20	9 8	70-130
Zinc	ug/L (ppb)	50	96	70-130

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Morrow, M.S. Yelena Aravkina, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

February 8, 2007



INVOICE #07ACU0208-1

Accounts Payable Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M115751, F&BI 702014 - Results of testing requested by Gerry Thompson for material submitted on February 1, 2007.

FEDERAL TAX ID #(b) (6)

anii - Artai	202014 s	n i i i i i i i i i i i i i i i i i i i	andres : urralineasiscorescentrici (n. 11 sirilyildifilin		LTP GATA	пац	N UF CL	2.1.	עט	Y	inamenotori ti i	1 E	- O	2/0	01/	07	attise (con-de-name) v cili e-		ov A Amadeus Anthronocomoron	AI.	4		
	FO2014 Send Report To SERBO	Thom	(2874)	[SAMPLI	FRS 65	ignature)									Pa	ge#_	POID			/		
S	Send Report To FEROLD Company Alaskan (Address 628 5.	SOPEN	INAK	5	PROJEC						7		0#		TURNAROUND TIME Standard (2 Weeks)								
(company 678 S	Har	and 8	-	ME	no	Self i	20	-Ros	7	r	5/1	57	S/	Rush charges authorized by:								
F	Address (2) Co	2 (4	1 581	71	REMAR	KS								-	SAMPLE DISPOSAL								
(City, State, ZIP SOJT CO		7 802 /A	2.0	*										o	Retu	n sa	fter 30 mples					
]	Phone # 26-387-3571	_Fax #Fax	0-206-43	<u>07 </u>									·		0	Will	call w	vith ins	structi	ons]		
					<u> </u>							NALY		REQU	JEST	ED					-		
	" 'Sample ID	Lab ID	Date	Time	Sample	Туре	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	1, AT'Z~				•		Not	es			
			,			,		TT	TPI	BTE	NO N	SVO	0				,			•			
ŀ	m 115751	01	2/1/07	12:30	1/2	0	1				T		17	}							1		
													1		1					-			
Ī						*													•				
																T							
	1"							1									1			;	\neg		
								T	1	T						\top	T	1		ì			
					, ,			+	T							十	十	1		<u> </u>			
	Friedman & Bruya, Inc.		SIGNAT	URE	1		PRIN	TN	AME	 ;	ئـــــــــــــــــــــــــــــــــــــ	+		COM	PAN	Y	1	DA'	TE	TIME	<u> </u>		
	3012 16th Avenue West	Relinquis			• •	6		To	100					C				2/1/6		1.56 F			
•	Seattle, WA 98119-2029	Received by:	and a	in		191		Zh							3I 2/1/07/1:57								
132	Ph. (206) 285-8282	Relinquished	by:∬									T											
	Fax (206) 283-5044	Received by:																					
	FORMS\COC\COC.DOC			4.8										-	San	nles	rec	eive	dat	21 0	$\overline{\mathtt{c}}$		

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Morrow, M.S. Yelena Aravkina, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

February 8, 2007

Gerry Thompson, Project Manager Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on February 1, 2007 from the Metro Self Monitor, PO# M115751, F&BI 702014 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl Project Manager

Enclosures ACU0208R